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P. 27

EXHIBIT A



UNITED STATES DEPARTMENT OF COMMERCE
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JULY 16, 2001

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101700930A

WORKMAN, NYDEGGER & SEELEY
 GREGORY M. TAYLOR
 1000 EAGLE GATE TOWER
 60 EAST SOUTH TEMPLE
 SALT LAKE CITY, UT 84111

UNITED STATES PATENT AND TRADEMARK OFFICE
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/16/2001

REEL/FRAME: 011744/0170
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UNIVERSITY OF UTAH, THE

DOC DATE: 03/14/2001

ASSIGNEE:

UNIVERSITY OF UTAH RESEARCH
 FOUNDATION, THE
 615 ARAPEEN DRIVE, SUITE 110
 SALT LAKE CITY, UTAH 84108

SERIAL NUMBER: 09787498
 PATENT NUMBER:

FILING DATE: 03/16/2001
ISSUE DATE:

JEEVON JONES, EXAMINER
 ASSIGNMENT DIVISION
 OFFICE OF PUBLIC RECORDS

SEARCHED
 INDEXED
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

CORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY 532 Rec'd PCT/PTO 16 MAR 2001

A / 581.40

091787498

1. Name of conveying party(ies):

The University of Utah

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance: 3-16-01

 Assignment Merger Security Agreement Change of Name Other _____

Execution Date: 3-14-01

2. Name and address of receiving party(ies)

Name: The University of Utah
Research Foundation

Internal Address: _____

Street Address: _____

615 Arapeen Drive, Suite 110

City Salt Lake City State: UT ZIP: 84108

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 2/11/01

A. Patent Application No.(s)

B. Patent No.(s)

091787498

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Gregory M. Taylor
Name: WORKMAN, NYDEGGER & SEELEY

Internal Address: _____

Street Address: 1000 Eagle Gate Tower

60 East South Temple

City Salt Lake City State: UT ZIP: 84111

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

 Enclosed (Credit Card Payment Form) Authorized to be charged to deposit account

8. Deposit account number:

23-3178

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(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory M. Taylor

Name of Person Signing

Signature

March 16, 2001

Date

Total number of pages including cover sheet, attachments, and document: 1

WHEN RECORDED RETURN TO:

Docket No.: 6300.96.1

Workman, Nydegger & Seeley
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

A S S I G N M E N T

Whereas, The University of Utah, an institution of higher education of the State of Utah, having a place of business at 615 Arapeen Drive, Suite 110, Salt Lake City, UT 84108, is the owner of the entire right, title and interest in and to application for United States Letters Patent entitled, "SURFACE MICROMACHINED MICRONEEDLES," filed in the United States Patent and Trademark Office as Serial No. 09/787,498 on March 16, 2001. (We hereby authorize the attorneys of Workman, Nydegger & Seeley to insert said serial number and filing date when known.)

Whereas, The University of Utah Research Foundation, a non-profit corporation of the State of Utah, having a place of business at 615 Arapeen Drive, Suite 110, Salt Lake City, UT 84108, is desirous of acquiring the entire right, title and interest in and to the said invention within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefor; and in and to said application.

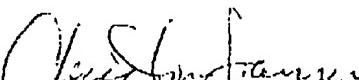
Now, therefore, in consideration of the sum of One Dollar (\$1.00) paid by The University of Utah Research Foundation to the University of Utah and other good and valuable considerations, the receipt of which is hereby acknowledged, The University of Utah has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto said University of Utah Research Foundation the entire right, title and interest in and to the said invention within the United States of America and its territorial possessions and within all countries foreign to the United States

and in and to any United States or foreign Letters Patent that may be granted therefor and in and to the said application and in and to any and all divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by The University of Utah Research Foundation for its own use and enjoyment and for the use and enjoyment of its successors and assigns to the full end of the term or terms for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by The University of Utah if this assignment, transfer and sale had not been made.

The University of Utah hereby authorizes and requests the United States Commissioner of Patents and Trademarks and all authorized officials of foreign patent offices to issue the said Letters Patent, when granted, to said University of Utah Research Foundation as the assignee of its entire right, title and interest in and to the same, for the sole use and enjoyment of said University of Utah Research Foundation, its successors and assigns.

In Testimony Whereof, The University of Utah has caused the hand of its proper representative to be subscribed hereto this 4th day of March, 2001.

THE UNIVERSITY OF UTAH

By: 
CHRISTINA JANSEN
Director of Technology Transfer

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